IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	:	Zhu, Yudong
Serial No.	:	10/723,311
Filing Date	:	11/26/2003
Title	:	METHOD AND APPARATUS TO REDUCE RF POWER DEPOSITION DURING MR DATA ACQUISITION
Group Art No.	:	Unknown
Examining Attorney	:	Unknown

CERTIFICATION UNDER 37 CFR 1.8(a) and 1.10

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37 CFR 1.8(a)

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INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §1.97/99

Dear Sir:

In compliance with Applicant's duty of disclosure as set forth in 37 C.F.R. §1.56, listed on the attached equivalent to Form PTO-1449 are those patents, publications and other

information known to the Applicant(s) which may be considered material to the patentability of the claims of the above-captioned application. **One copy of each reference is attached.**

Applicant respectfully request that the documents listed on the attached equivalent to Form PTO-1449 be considered by the Examiner, that the references be made of record in the present application, and that an initialed copy of the duplicate equivalent to Form PTO-1449 be returned to the undersigned in accordance with MPEP 609.

Respectfully submitted,

Kent L. Baker
Registration No. 52,584
Telephone 262-376-5170
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Date: February 26, 2004
Atty. Docket No.: GEGR8082.002

P.O. ADDRESS:

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known	
Application Number	10/723,311
Filing Date	11/26/2003
First Named Inventor	Zhu, Yudong
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	GEGR8082.002

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
		HAYES, C.E. et al., An efficient, highly homogneous radiofrequency coil for whole-body NMR imaging at 1.5T, Journal of Magnetic Resonance, 1985, vol. 63, pp. 622-628.	
		GLOVER, G.H. et al., Comparison of linear and cirular polarization for magnetic resonance imaging, Journal of Magnetic Resonance, 1985, vol. 64, pp. 255-270.	
		SILVER, M.S. et al., Selective spin inversion in nuclear magnetic resonance and coherent optics through an exact solution of the Bloch-Riccati equation, Physical Revison A, 1985, vol. 31, pp. 2753-2755.	
		CONOLLY, S. et al., A selective adiabatic spin-echo pulse, Journal of Magnetic Resonance, 1985, vol. 83, pp. 324-334.	
		FOO, T.K.F. et al., Reduction of RF penetration effects in high field imaging, Magnetic Resonance in Medicine, 1992, vol. 23, pp. 287-301.	
		VAUGHAN, J.T. et al., High frequency volume coils for clincial NMR imaging and spectroscopy, Magnetic Resonance in Medicine, 1994, vol. 32, pp. 206-218.	
		ALSOP, D.C. et al., A spiral volume coil for improved RF field homogeneity at high static magnetic field strength, Magnetic Resonance in Medicine, 1998, vol. 40, pp. 49-54.	
		DUENSING, G.R. et al., Transceive phased array desgined for imaging at 3.0T, Proceedings of the ISMRM 6th Scientific Meeting, 1998, p. 441.	
		IBRAHIM, T.S. et al., Effect of RF coil excitation on field inhomogeneity at ultra high fields: a field optimized TEM resonator, Magnetic Resonance Imaging, 2001, vol. 19, pp. 1139-1347.	
		PAULY, J. et al., A linear class of large-tip-angle selective excitation pulses, Journal of Magnetic Resonance, 1989, vol. 82, pp. 571-587.	
		CONOLLY, S. et al., A reduced power selective adiabatic spin-echo pulse sequence, Magnetic Resonance in Medicine, 1991, vol. 18 pp. 28-38.	

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Sheet 2 of 2

Complete if Known	
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First Named Inventor	Zhu, Yudong
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	GEGR8082.002

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
		PRUESSMANN, K.P. et al., SENSE: sensitvity encoding for fast MRI, Magnetic Resonance in Medicine, 1999, vol. 42, pp. 952-962.	
		SODICKSON, D.K. et al., Simultaneous acquistion of spatial harmonics (SMASH): fast imaging with radiofrequency coil arrays, Magnetic Resonance in Medicine, 1997, vol. 38, pp. 591-603.	
		PAULY, J. et al., A k-space analysis of small-tip-angle excitation, Journal of Magnetic Resonance, 1989, vol. 81, pp. 43-56.	

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